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FOR PATENTS, BOX PATENT APPLICATION, WASHINGTON, DC 20231.**

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**(TYPE OR PRINT) TRACY WESTPHAL**

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Attorney Docket No. 1286

January 9, 2002

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

**UTILITY PATENT APPLICATION TRANSMITTAL**

Inventor(s): Shi et al.

Title: Novel Inositol Polyphosphate Kinase Genes and Uses Thereof

**APPLICATION ELEMENTS**

1. ☐ Fee Transmittal Form (Submit an original, and a duplicate for fee processing)

2. ☒ Specification [Total Pages 60]

(Preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☐ Drawing(s) (35 USC 113) [Total Sheets       ]

- a. ☐ Formal
- b. ☐ Informal

10042894 010902

4. ☐ Oath or Declaration [Total Pages \_\_\_\_]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 16 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Microfiche Computer Program (Appendix)
6. ☒ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☒ Computer Readable Copy
- b. ☒ Paper Copy (identical to computer copy) [Total Pages 30]
- c. ☒ Statement verifying identity to above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(where there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS/PTO-1449) ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
13. ☐ Small Entity Statement(s) ☐ Statement filed in prior application  
Status still proper and desired
14. ☐ Certified Copy of Priority document(s)
15. ☐ Other:

16. If a **CONTINUING APPLICATION**, check the appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation    ☐ Divisional    ☐ Continuation-in-part (CIP) of prior application  
No. \_\_\_\_\_.

Prior application information: Examiner \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label: 27310  
(Insert Customer No. or Attach bar code label here)  
or

☐ Correspondence address below

Name: Virginia Dress

Address: Pioneer Hi-Bred International, Inc.  
Corporate Intellectual Property  
7100 N.W. 62<sup>nd</sup> Avenue  
P.O. Box 1000

City: Johnston                      State: Iowa                      Zip Code: 50131-1000

Country: USA                      Phone: (515) 270-4192                      Facsimile: (515) 334-6883

**18. FEE CALCULATION**

☒ The total fee is calculated as shown below:

Basic Filing Fee					\$ 740.00
Total Claims	46 - 20	=	26	x \$ 18.00	468.00
Independent Claims	6 - 3	=	3	x \$ 84.00	252.00

☐ Multiple Dependent Claims present                      + \$280.00                      \$

**TOTAL FILING FEE**                      **\$1,460.00**

Attorney Docket No. 1286

- ☒ Charge \$1,460.00 to Deposit Account No. 16-1852.
- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required by this paper, or credit any overpayment, to our Deposit Account No. 16-1852.
- ☒ A duplicate of this transmittal is enclosed

Respectfully submitted,



Virginia Dress  
Agent for Applicant(s)  
Registration No. 48,243

PIONEER HI-BRED INTERNATIONAL, INC.  
Corporate Intellectual Property  
7100 N.W. 62<sup>nd</sup> Avenue  
P.O. Box 1000  
Johnston, Iowa 50131-1000  
Phone: (515) 270-4192  
Facsimile: (515) 334-6883

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of Shi et al. for "Novel Inositol Polyphosphate Kinase Genes and Uses Thereof"

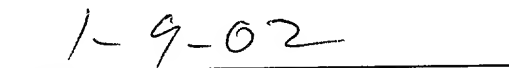
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TRACY WESTPHAL

  
DATE

CASE NO.: 1286

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SIGNATURE



Attorney Docket No. 1286

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shi et al. Date: January 9, 2002

Serial No.: Group Art Unit:

Filed January 9, 2002 Examiner:

For: Novel Inositol Polyphosphate Kinase Genes and Uses Thereof

Assistant Commissioner for Patents  
Box Sequence  
Washington, D.C. 20231

STATEMENT TO SUPPORT FILING AND SUBMISSION  
IN ACCORDANCE WITH 37 CFR §§1.821 THROUGH 1.825

- ☒ I hereby state that the contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 CFR §1.821(c) and (e), respectively, are the same.
- ☐ I hereby state that the submission filed in accordance with 37 CFR §1.821(g) does not include new matter.
- ☐ I hereby state that the submission filed in accordance with 37 CFR §1.821(h) does not include new matter or go beyond the disclosure in the international application as filed.
- ☐ I hereby state that the amendments, made in accordance with 37 CFR §1.825(a), included in the substitute sheet(s) of the Sequence Listing are supported in the application, as filed, at pages \_\_\_\_\_. I hereby state that the substitute sheet(s) of the Sequence Listing does (do) not include new matter.

Attorney Docket No. 1286

- ☐ I hereby state that the substitute copy of the computer readable form, submitted in accordance with 37 CFR §1.825(b), is the same as the amended Sequence Listing.
- ☐ I hereby state that the substitute copy of the computer readable form, submitted in accordance with 37 CFR §1.825(d), is identical to that originally filed.

Respectfully submitted,



Virginia Dress  
Agent for Applicant(s)  
Registration No. 48,243

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